HIRTA

(High Intensity Radio Transmission Area)

This Briefing is **Unclassified**

References

- AR 385-40
- FORSCOM Reg 350-3
- TC 1-210, ATP Commanders Guide
- AVSCOM MSG 091845Z JAN 89,
- HIRTA GUIDANCE.
- FORSCOM MSG 161200Z MAR 89,
- REPORTING SUSPECTED EMI.
- FORSCOM MSG 011600Z JUN 89,
- HIRTA GUIDANCE II.

Purpose

- IAW FORSCOM Reg 350-3 and TC 1-210 all assigned aviators must be briefed on HIRTA annually.

- Increase safety awareness of possible Electromagnetic anomalies in the aircraft.

Electromagnetic Interference (EMI)

- EMI anomalies include uncontrolled flight, or unexplained illumination of Caution/Warning lights with or without degradation or loss of corresponding system or component.

- All incidents that cannot be confirmed as valid mechanical failure/malfunctions through troubleshooting procedures should be considered suspected EMI anomalies.

Standoff Distance

- Defined as the closest distance any aircraft may approach any object identified as a high powered radio antenna such as: radar, TV, or commercial radio antenna etc.

- Standoff distances are based upon worst case test data (covering all aircraft) for a given HIRTA frequency. These distances are not based upon the performance of any single airframe.

Standard HIRTA Avoidance Criteria

- Aircraft will avoid all known HIRTA Antennas IAW classified standoff distances (See S-2 for classified standoff distances).

- Any antenna that appears to cause unusual aircraft performance shall be avoided immediately.

Operations Within Known HIRTA Areas

- Requires prior approval from FORSCOM in coordination with AMCOM.

- Request requires a minimum of 30 days to process.

Aviator Responsibilities

- Cross-country VFR routes require the PIC/Flight Lead to verify that the proposed route is outside the standoff distance all known HIRTA sites.

- Report all suspected EMI encounters.

Suspected EMI Reporting

- IAW AR 385-40 report all suspected EMI encounters in a timely manner via AAAR to the BN Safety, Standardization, or S-2.

- AAAR will be classified “Confidential” and forwarded through the appropriate channels.

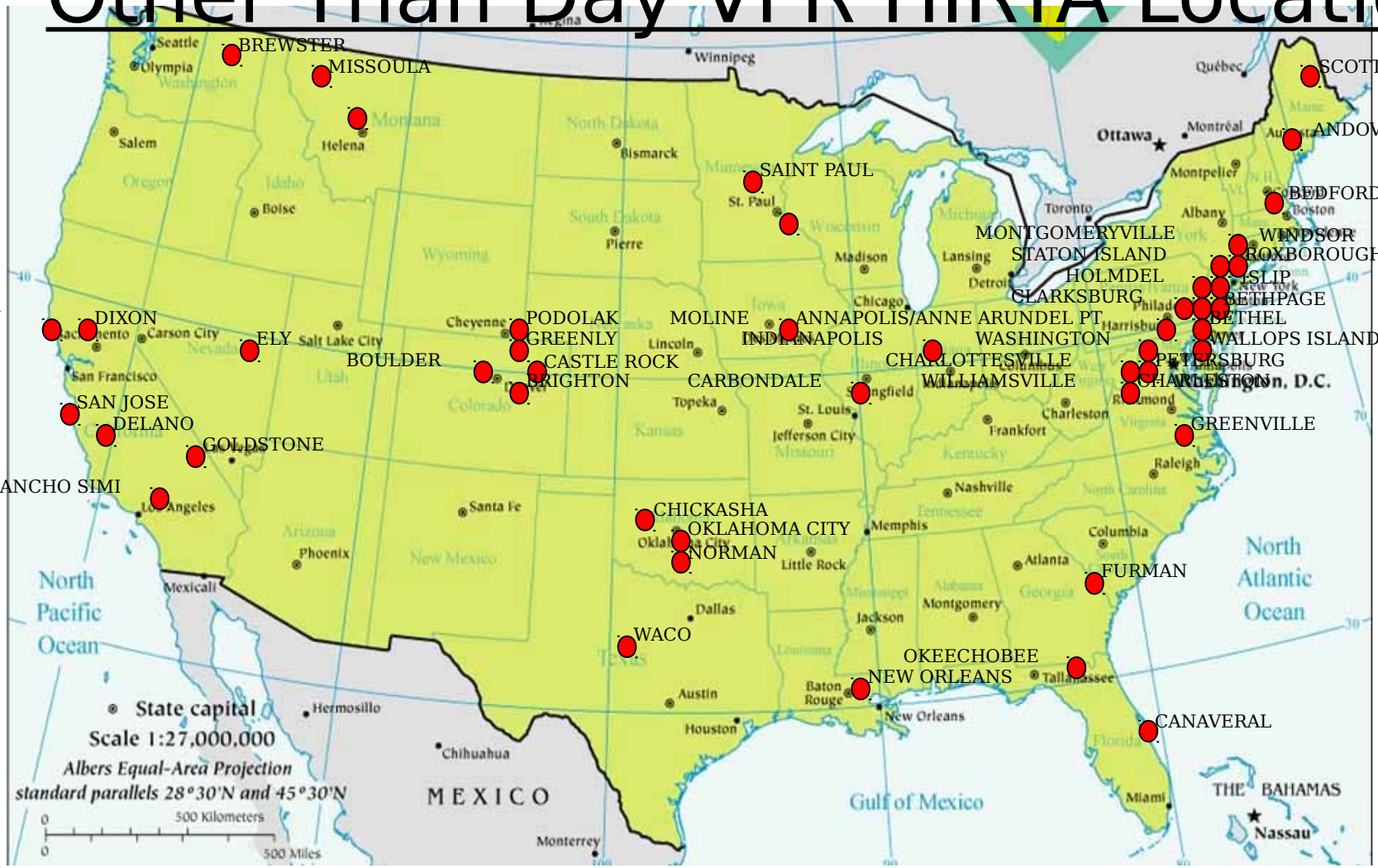
- Input is used to validate and update the Army Data Base of “HIRTA” sites.

HIRTA Locations

- Three types:
  - Day VFR HIRTA Locations.
  - Other than day VFR HIRTA Locations
  - Partially Hardened HIRTA Locations.

Day VFR HIRTA Locations

Other Than Day VFR HIRTA Locations



Partially Hardened HIRTA Locations

QUESTIONS?